IN THE CLAIMS

1	 [cancelled] A method for selection of a route for transmission of data
2	packets from a source network site to a destination network site, both network sites
3	being connected to a network via a plurality of network service provider connections,
4	said method comprising at least steps of:
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7	network service provider connections connecting the source network site to the
8	network,
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11	network service provider connections connecting the destination network site to the
12	network,
14	in which method said selections are performed at the source network site,
16	and which selections are made at least in part on the basis of at least
18	a round trip time value for each combination of source and destination
19	network service provider connections, and
21	a packet success rate value for each combination of source and destination
22	network service provider connections.
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1	2. [cancelled] A method according to claim 1, wherein said selections are

2	performed at least in part also on the time elapsed after the selection of routes was
3	previously changed.
1	3. [cancelled] A method according to claim 2, wherein the amount change in
2	the packet success rate and/or round trip time of a connection required to cause a
3	change in the route selection reduces as a function of time.
1	4. [cancelled] A method according to claim 3, wherein said function of time is
2	a piecewise linear function.
1	5. [cancelled] Network node for transmitting data packets from from a source
2	network site to a destination network site, said network sites being connected to a
3	network each via a plurality of network service provider connections, said network
4	node comprising at least
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6	- means for selecting of a first network service provider connection from a set of
7	network service provider connections connecting the source network site to the
8	network, and-
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10	- means for selecting of a second network service provider connection from a set of
11	network service provider connections connecting the destination network site to the
12	network,
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14	which selections being made at least in part on the basis of at least
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16	- a round trip time value for each combination of source and destination network

17	service provider connections, and
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19	- a packet success rate value for each combination of source and destination
20	network service provider connections.
1	6. [cancelled] Computer software product for a system for transmitting data
2	packets from a source network site to a destination network site, said network sites
3	being connected to a network each via a plurality of network service provider
4	connections, said computer coftware product comprising at least
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6	~computer software code means for selecting of a first network service provider
7	connection from a set of network service provider connections connecting the
8	source network site to the network, and
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10	- computer software code means for selecting of a second network service provider
11	connection from a set of network service provider connections connecting the
12	destination network site to the network,
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14	which selections being made at least in part on the basis of at least
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16	- a round trip time value for each combination of source and destination network
17	service provider connections, and-
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19	- a packet success rate value for each combination of source and destination
20	network service provider connections.

1	/. [Cancelled] A method for selection of a route for transmission of data
2	packets from a source network site to a destination network site, said-method
3	comprising at least steps of:
4	- providing a source network site with a first plurality of network service
5	provider connections connecting said source network site to a network;
6	providing a destination network site with a second plurality of network
7	service provider connections connecting the destination network site to said
8	network;
9	determining, at the source network site, at least one of a round trip time
10	value and a packet success rate value for each combination of individual source and
11	destination network service provider connections configurable among the first and
12	second plurality network service provider connections;
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14	service provider connection among said first plurality of network service provider
15	connections and a second network service provider connection among said second
16	plurality of network service provider connections, said selection of a route made on
17	the basis of at least one of said factors of said round trip time value determined at
18	said source network site for each route combination of source and destination
19	network service provider connections, and/or said packet success rate value
20	determined at said source network site for each combination of source and
21	destination network service provider connections.

8. [Cancelled] A method according to claim 7, wherein said step of selecting a route is performed at least in part based also upon the time elapsed after said

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9. [Cancelled] A method according to claim 8, wherein an amount of change
in the packet success rate and/or round trip time of a connection required to cause a
change in the route selection reduces as a function of time.

- 10. [Allowed] A method for selection of a route for transmission of data packets from a source network site to a destination network site, said method comprising at least steps of:
- providing the source network site with a first plurality of network service provider connections connecting the source network site to a network;
- providing the destination network site with a second plurality of network service provider connections connecting the destination network site to said network;
- determining, at the source network site, at least one of a round trip time value and a packet success rate value for each combination of individual source and destination network service provider connections which are configurable among said first and second plurality of network service provider connections;
- selecting, at the source network site, a first network service provider connection among said first plurality of network service provider connections and a second network service provider connection among said second plurality of network service provider connections on the basis of at least one of said round trip time value determined at said source network site for each said combination of source and destination network service provider connections, and/or said packet success rate value determined at said source network site for each combination of source and

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destination	network	SANICA	nrovider	CONNACTIONS
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- reducing, as a function of time, an amount of change in the packet success
rate and/or round trip time of a connection required to cause a change in the route
selection, said function of time being a piecewise linear function.

11. [Cancelled] Network node for transmitting data packets from a source network site to a destination network site, said source network site being connected to a network via a first plurality of network service provider connections and the destination network site being connected to a network via a second plurality of network service provider connections, said network node comprising at least: - means for determining, at the source network site, at least one of a round trip time value and a packet success rate value for each combination of individual source and destination network service provider connections which are configurable among the first and second plurality of network service provider connections; - means for selecting a first network service provider connection among said first plurality of network service provider connections connecting said source network site to said network on the basis of at least one of a plurality of factors including the determined round trip time value for each combination of source and destination network service provider connections, and the determined packet success rate value for each combination of source and destination network service provider connections; and - means for selecting a second network service provider connection among said second plurality of network service provider connections connecting the destination network site to the network on the basis of at least one of a plurality of factors including said determined round trip time value for each route comprised of a

combination of source and destination network service provider connections, and/or said determined packet success rate value for each combination of source and destination network service provider connections.

1 12. [Cancelled] Computer software product for a system for transmitting data 2 packets among a source network site to a destination network site, said source 3 network site being connected to a network via a first plurality of network service provider connections and the destination network site being connected to a network 4 5 via a second plurality of network service provider connections, said computer 6 software product comprising at least: 7 -- computer software code means for determining at least one of a round trip 8 time value and/or a packet success rate value for each potential route comprised of a 9 combination of individual source and destination network service provider 10 connections which is configurable among the first and second plurality of network 11 service provider connections: 12 - computer software code means for selection of a first network service 13 provider connection among said first plurality of network service provider 14 connections connecting said source network site to said network on the basis of at least one of said determined round trip time value for each route comprised of a 15 16 combination of source and destination network service provider connections, and/or 17 the determined packet success rate value for each route comprised of a combination 18 of source and destination network service provider connections; and 19 - computer software code means for selecting a second network service 20 provider connection among said second plurality of network service provider 21 connections connecting the destination network site to the network on the basis of at

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least one of said determined round trip time value for each route comprised of a
combination of source and destination network service provider connections, and/or
said determined packet success rate value for each combination of source and
destination network service provider connections.

13. [Allowed] A virtual private network (VPN) gateway node for transmitting data packets over VPN connections from a source network site to a destination network site, wherein

said source network site is connected to a network each via a first plurality of network service provider connections and the destination network site is connected to a network via a second plurality of network service provider connections;

and wherein said VPN gateway node comprised at least:

- means for determining at least one of a round trip time value and a packet success rate value for each route comprised of a combination of individual source and destination network service provider connections which are configurable among said first and second plurality network service provider connections;

- means for selecting, for a VPN connection, a first network service provider connection among said first plurality of network service provider connections connecting the source network site to the network on the basis of at least one of said determined round trip time value for each route comprised of a combination of source and destination network service provider connections, and/or said determined

21	packet success rate value for each route comprised of a combination of source and
22	destination network service provider connections; and
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24	- means for selecting, for said VPN connection, a second network service provider
25	connection among said second plurality of network service provider connections
26	connecting said destination network site to said network on the basis of at least one
27	of said determined round trip time value for each route comprised of a combination of
28	source and destination network service provider connections, and/or said determined
29	packet success rate value for each combination of source and destination network
30	service provider connections.
1	14. [Allowed] A cluster of virtual private network (VPN) gateway nodes at a
2	source network site for transmitting data packets over VPN connections to a
3	destination network site, wherein
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5	each of said VPN gateway nodes in said cluster at said source network site being
6	connected to a network via a first plurality of network service provider connections;
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8	and wherein said destination network site being connected to said network via a
9	second plurality of network service provider connections,
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11	and wherein each of said VPN gateway nodes in said cluster comprises at least:
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13	- means for determining at least one of a round trip time value and/or a packet
14	success rate value for each route comprising a combination of individual source and

destination network service provider connections which are configurable among the first and second plurality network service provider connections;

- means for selecting, for a VPN connection, a first network service provider connection among said first plurality of network service provider connections connecting the source network site to said network on the basis of at least one of said determined round trip time value for each route combination of source and destination network service provider connections, and/or the determined packet success rate value for each combination of source and destination network service provider connections; and

- means for selecting, for said VPN connection, a second network service provider connection among said second plurality of network service provider connections connecting the destination network site to said network on the basis of at least one of said determined round trip time value for each combination of source and destination network service provider connections, and/or said determined packet success rate value for each combination of source and destination network service provider connections.